

Converting Colors

Hex(76B6AF)

Have a look what the booklet for
Hex(76B6AF) contains.

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Color

Hex(76B6AF)

Conversions

Conversions Part 1

Format	Color
Hex	76B6AF
RGB	118, 182, 175
RGB Percent	46%, 71%, 69%
CMY	0.5373, 0.2863, 0.3137
CMYK	0.35, 0.00, 0.04, 0.29
HSL	173°, 30%, 59%
HSV	173°, 35%, 71%
XYZ	31.9370, 40.4026, 46.6727
YIQ	162.0660, -35.8970, -15.7450

Conversions

Conversions Part 2

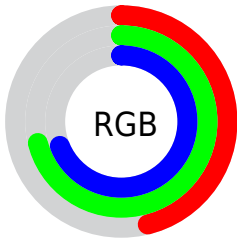
Format	Color
RYB	118, 152, 182
Decimal	7780015
CIELab	69.76, -22.03, -2.94
CIELCh	70, 22.224, 187.614
Yxy	40.4026, 0.2684, 0.3395
Android (android.graphics.Color)	4285970095 (0xFF76B6AF)
YUV	162.0660, 6.3765, -38.6459
Hunter-Lab	63.5630, -21.5486, 0.9590

Details

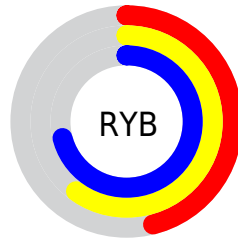
The Hex color **76B6AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B6767D**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ADEEE6**, and **41817B** is the 20% darker color. If you saturate the color by 10%, you get **64B6AD**, and if you desaturate by 10%, it is **88B6B1**.

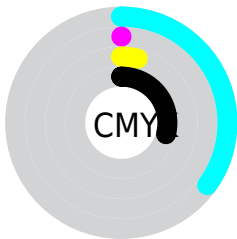
Distribution



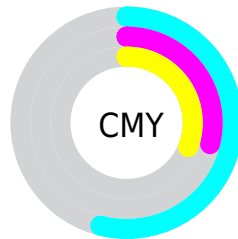
- Red (46%)
- Green (71%)
- Blue (69%)



- Red (46%)
- Yellow (60%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B6AF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 76B6AF by changing the saturation by 10% instead.

 76B6AF

 76B6AF

FFFFFF

 5C9B94

 ADEEE6

 41817B

 C9FFFF

 266862

 E5FFFF

 034F4A

 003834

 00221E

 000006

 000000

 76B6AF

 76B6AF

 64B6AD

 88B6B1

 52B6AB

 9AB6B3

 3FB6A9

 ADB6B5

 2DB6A7

 BFB6B7

 1BB6A5

 D1B6B9

 09B6A3

 E3B6BB

 00B6A2

 F5B6BD

 FFB6BF

 FFB6C1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87B59A



76B6AF



72B5C2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76B6AF



B4A4CA



C7A486

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76B6AF



B6767D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D29E93



76B6AF



C99EBA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76B6AF



99AAD2



D39CA6



B4AB82

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76B6AF



7AB2CC



D39CA6



CCA289

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76B6AF



D3EDEA



7DB676



687876



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76B6AF



8AEDE2



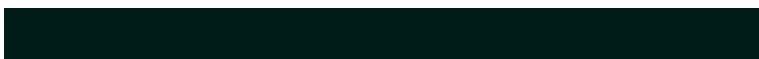
769DB6



535C5B



009C8B



001C19

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B6767D



ED8A94



B68F76



5C5354



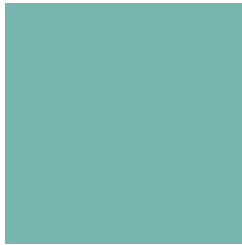
9C0011



1C0003

Previews

White Background



This preview shows how the Hex color 76B6AF looks on a white background.

Color Contrast Check

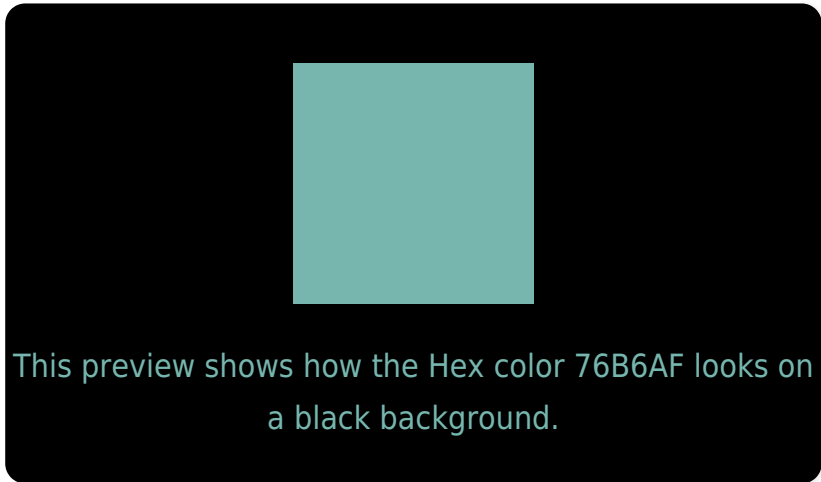
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

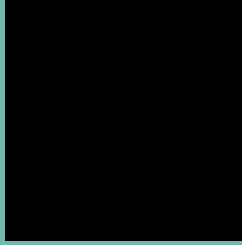
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76B6AF Background



This preview shows how black text looks on a background with the Hex color 76B6AF.

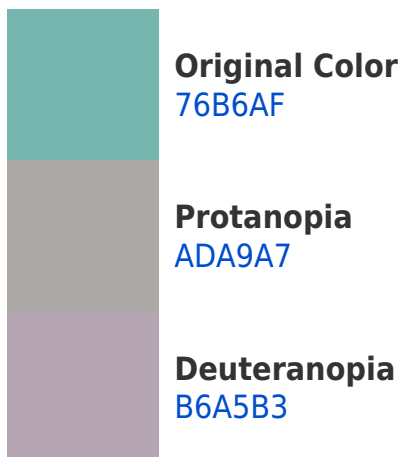


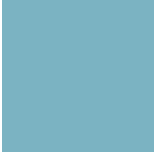
This preview shows how white text looks on a background with the Hex color 76B6AF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

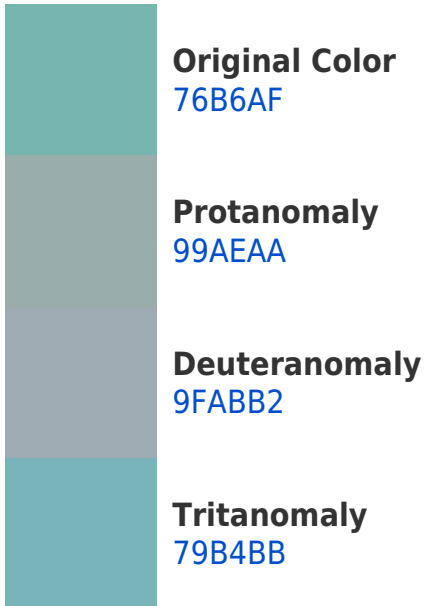
Dichromacy



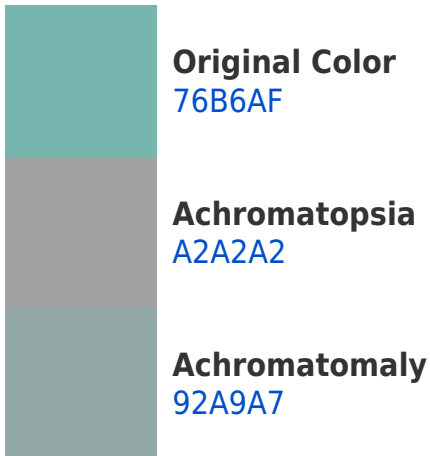


Tritanopia
7BB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B6AF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #76B6AF looks like.

```
.text, #text, p{  
    color:#76B6AF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #76B6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B6AF
}
```

Border

The CSS property to change the border of an element to Hex 76B6AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76B6AF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#76B6AF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #76B6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B6AF; -webkit-box-shadow:4px 4px  
4px 4px #76B6AF; box-shadow:4px 4px 4px  
4px #76B6AF }
```

Background

The CSS property to change the background color of an element to Hex 76B6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B6AF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#76B6AF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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